

Patent claims

1. Use of nanoscalar water soluble β -(1,3) glucans, which are substantially free from β -(1,6) linkages and have particle diameters in the area of 10 to 300 nm, for producing cosmetic and/or pharmaceutical preparations.

2. Use according to claim 1, **characterised by** that glucans based on yeasts of the family *Saccharomyces* are used.

3. Use according to the claims 1 and/or 2, **characterised by** that glucans are used which have been obtained by contacting glucans with β -(1,3) and β -(1,6) linkages in such a way with β -(1,6) glucanases that practically all β -(1,6) linkages are loosened, wherafter the lysis products are broght into a nanoscalar form.

4. Use according to claim 3, **characterised by** that glucans are used which have been treated with glucanases based on *Trichoderma harzianum*.

5. Use according to at least one of the claims 1 to 4, **characterised by** that nano particles which are embedded in a protecting colloid are used.

6. Use according to claim 5, **characterised by** that polyvinyl alcohol or polyethyten glycol are used as protecting colloid.

7. Use according to at least one of the claims 1 to 6, **characterised by** that the glucans are used in amounts of 0,1 to 5 % by weight, based on the preparations.

8. Use according to at least one of the claims 1 to 7, **characterised by** that the glucans are used for manufacture of hair care agents.

9. Use according to at least one of the claims 1 to 7, **characterised by** that the glucans are used for manufacture of skin care and sun protecting agents.